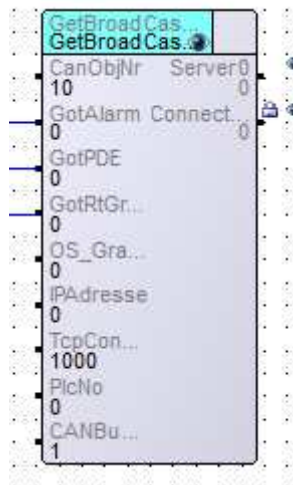


GetBroadCastData

Realizes alarm management in multi CPU solutions.

In the visualization as many objects of the class GetBroadCastData are created, as alarms stations exist. Each station which can create alarms is called an alarm station. The names of these instances can freely be chosen and one of these instances (Server0) must be connected to the client _Lse::GBCD. The others, if existing, must not be connected to the client _Lse::GBCD. The client GetBroadCastData::GotAlarm of each instance must be connected to the server _Lse::GotAlarm. With the rest of the clients the type of the communication to the alarm station is set.



Interfaces

Clients

CanObjNr	Here the CAN bus object number for the communication is entered.
GotAlarm	This client must be connected to the server Lse of the class _Lse.
GotPDE	For the connection to the PDE system.
GotRtGraph	For the connection to a class for fast curve recording.
OS_Graphic	Object channel to the operating system interface class Graphic. Does not have to be connected.
IPAdresse	In case of TCP/IP communication, here the IP address of the remote station has to be entered. If TCP/IP should be used, the client CANBus has to be initialized with 0. Format: www.xxx.yyy.zzz corresponds to (zzyyxxww)
TcpConnectTimeOut	Timeout for establishing connection in milliseconds. If a connection attempt fails, a new attempt is started after this time. Must be set as Init value.
PicNo	Here the station number of the remote CPU has to be entered. Is needed for the identification of the alarms. Must be set as Init value.
CANBUS	In case of CAN communication, here the number of the CAN interface is entered. In case of TCP/IP communication, the server MUST be initialized with 0. Must be set as Init value.

Server

Server0	Must be connected to the client GBCD of the class _Lse. If several instances of the class GetBroadCastData are used, only one instance MAY be connected to the client _Lse.
Connection	Here the connection type is shown. 0 ... Internal connection 1 ... CAN bus 2 ... TCP/IP

Global Methods

Init	Here variables are read and the necessary operating system interfaces are initialized.
CyWork	In the cyclic task the communication is handled.
GetLostAlarms	This method is called by the class _Lse and is of no further interest for the user.